

Assigned DOGM File No.: S 137 10/16

DOGM Lead: PBB

RECEIVED

AUG 20 2001

DIVISION OF
OIL, GAS AND MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1594 West North Temple Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5291
Fax: (801) 359-3940

100⁰⁰ Permit fee
Paid. postal money
order # 03193912710
JB

NOTICE OF INTENTION TO COMMENCE SMALL MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1987, and the General Rules as promulgated under the Utah Minerals Regulatory Program.

"Small Mining Operations" means mining operations which disturb five or less surface acres at any given time.

I. GENERAL INFORMATION (Rule R647-3-104)

1. Name of Mine: Cloudy moon quarry
2. Name of Operator/Applicant: _____
Company () Corporation () Partnership () Individual (X)
3. Permanent Address: 833 No grayson Pkwy
City: Blanding State: Utah Zip Code: 84511
Telephone Number: (435) 678-3137
4. Ownership of Land Surface:
Private (Fee) ☐ Public Domain (BLM) ☐ National Forest (USFS) ☐
State Trust Land/School Sections ☒ State Sovereign Lands ☐
Other (please describe): _____

Name _____	Address _____
Name _____	Address _____
Name _____	Address _____
Name _____	Address _____

5. Ownership of Minerals:Private (Fee) ☐ Public Domain (BLM) ☐ National Forest (USFS) ☐State Trust Land/School Sections ☒ State Sovereign Lands ☐

Other (please describe): _____

Name _____ Address _____

Name _____ Address _____

Name _____ Address _____

Name _____ Address _____

Utah Mining Claim Number(s): _____

Utah State Lease Number(s): ML 48768-MPName of Lessee(s) Sean Murphy

6. Have the above surface and mineral owners been notified in writing?

Yes ☒ No ☐

If no, why not? _____

Please be advised that if State Trust Lands are involved, notification to the Division of Oil, Gas and Mining alone does not satisfy the notification requirements of Mineral Leases upon State Trust Lands. Exploration or mining activity on State Trust Lands requires a minimum of 60 days notice to the Trust Lands Administration prior to commencing any activities. Please contact the School Institutional Trust Lands Administration (SITLA) at (801) 538-5508 for notification requirements.

7. Does the operator have legal right to enter and conduct mining operations on the land covered by this notice? Yes ☒ No ☐II. PROJECT LOCATION & MAP (Rule R647-3-105)

1. Project Location (legal description):

County(ies): San Juan Co. Utah____ 1/4, of SW 1/4, of NW 1/4: Section: 16 Township: 38S Range: 24E

____ 1/4, of _____ 1/4, of _____ 1/4: Section: _____ Township: _____ Range: _____

____ 1/4, of _____ 1/4, of _____ 1/4: Section: _____ Township: _____ Range: _____

2. A topographic base map showing the location of the proposed small mining operation must be submitted with this notice. A USGS 7.5 minute series map is preferred. The areas to be disturbed should be plotted in sufficient detail so that they can be located on the ground. It is recommended that the operator also plot and label any pre-existing disturbances in the immediate vicinity that he is not responsible for.

III. OPERATION PLAN (Rule R647-3-106)

1. Type of mining: Surface ☒ Underground ☐
2. Mineral(s) to be mined: Sand stone
3. Provide a brief description of the proposed mining operation and onsite processing facilities. See attached SITLA Plan

☐ New Road(s): Length None (ft) Width _____ (ft)

☐ Improved Road(s): Length None (ft) Width _____ (ft)

Total project surface acreage to be disturbed: Less Than 5 Ac (acres)

Proposed startup date of project (month, year) 8-20-01

Proposed completion date of project, if known (month, year) Unknown

IV. OPERATION AND RECLAMATION PRACTICES (Rule R647-3-107, 108 & 109)

The reclamation and operation obligation is to keep the area clean and safe, minimize hazards to public safety, return the land to a useful condition, and reestablish at least 70 percent of the premining vegetative ground cover. To accomplish this, the operator will need to perform reclamation concurrently, or at the completion (within one (1) year) of mining:

1. Keep the mining operation in a safe, clean, and environmentally stable condition.
2. Permanently seal all shafts and tunnels to prevent unauthorized or accidental entry.
3. Plug drill holes with a five foot cement surface plug. Holes that encounter fluids are to be plugged in the subsurface to prevent aquifer contamination.
4. Construct berms, fences, or barriers, when needed, above highwalls and excavations.
5. Remove, isolate, or neutralize all toxic materials in a manner compatible with federal and state regulations.
6. Remove all waste or debris from stream channels.
7. Dispose of any trash, scrap metal, wood, machinery, and buildings.
8. Conduct mining activities so as to minimize erosion and control sediment.
9. Reclaim all roads that are not part of a permanent transportation system.

10. Stockpile topsoil and suitable overburden prior to mining.
11. Stabilize highwalls by backfilling or rounding to 45 degrees or less, where feasible; reshape the land to near its original contour, and redistribute the topsoil and suitable overburden.
12. Properly prepare seedbed to a depth of six inches by ripping, discing, or harrowing.
13. Reseed disturbed areas with adaptable species. (The Division recommends seeding 20 lbs./acre of native and introduced species of grass, forb, and browse seed, and will provide a specific species list if requested.)
14. Plant the seed with a rangeland or farm drill, or if broadcast seeded, harrow or rake the seed 1/4-1/2 inch into the soil - fall is the preferred time to seed.

V. **VARIANCE REQUEST** (Rule R647-3-110)

Yes ☐ No ☒

Any planned deviations from Rules R647-3-107, Operation Practices, R647-3-108, Hole Plugging Requirements, or R647-3-109, Reclamation Practices, as summarized above, should be identified below and justification given for the variance request(s).

<u>Item Number</u>	<u>Variance Request Justification</u>
_____	_____
_____	_____
_____	_____
_____	_____

VI. **PERMIT FEE** [Mined Land Reclamation Act 40-8-7(i)]

The Utah Mined Land Reclamation Act of 1975 [40-8-7 (i)] provides the authority for fee implementation which was approved by the Utah Legislature at its 1998 session. Commencing July 1, 1998, the fees are assessed to new and existing notices of intention, and annually thereafter.

Small Mining Notices require a \$100.00 fee which must accompany this application.

VII. **SIGNATURE REQUIREMENT**

I hereby commit to conduct mining operations and to reclaim the aforementioned small mine as required by the Utah Mined Land Reclamation Act (40-8) and the rules as specified by the Board of Oil, Gas and Mining.

Signature of Operator/Applicant:

Name (typed or printed):

Title/Position (if applicable):

Date:

Sean O. Murphy
Sean Murphy

8-15-01

NOTICE OF INTENT

1. SW 1/4 NW 1/4 Sec 16 T.38S R 24E. Permit no.-_ML 48768-MP.

2. Sean Murphy
833 No. Grayson Pkwy. (3-2)
Blanding Utah 84511
Tele. 435 678 3137

3. An existing road leads directly to the exposed sandstone ledge we propose to quarry. The exposed ledge is approximately 40 ft. x 100 ft. North of the ledge to the approximate boundary is a sporadic layer of topsoil about 2 ft. max in thickness that supports some sage brush and scrub cedar.

A. Other than the existing road, there does not appear to be any pipelines, utility lines, fences, or buildings on the 10 ac. we wish to lease.

B. There are no stream channels or water bodies on the 10 ac. Only shallow dry washes.

C. Soils appear to be shallow, 2 ft. or less, almost blowsand with sage brush, scrub cedar and brigham tea holding it down.

D. The sandstone layer we propose to quarry is in the lower member of the Dakota / or upper member of the Brushy Basin.

4. A. The existing road extends from the transmission line road in sec. 9 in a southwesterly direction approx. 1 1/4 miles to end at the quarry site. Road grader work to maintain and smooth out the minor runoff ditches would be necessary. Additional surfacing should be unnecessary.

B. No drilling except short holes (3 ft) for feather wedging the rock out in blocks.

C. Location of the cut; starting at the cliff edge and proceeding approx north. Depth appears to be about 8 ft. Width and length are unknown, depending on the unseen rock structure to the north.

D. Overburden will be pushed to one side (on the flat area, Not over the side) to be used later in reclamation.

E. No toxic substances are planned.

F. Rock removed from the quarry site will be measured to find the cubic footage, then multiplied by 151 (lbs per cubic foot) to find the total tonnage being taken.

5. Unknown.

6. A&B . To be attached.

C. NA.

Reclamation

All overburden and excess rock will be stored to one side . After sections of the quarry are mined out, the sides will be brought to a minimum slope of 2H:1V then re-covered with the excess rock and overburden to an acceptable contour, then reseeded with a mix as advised by SITLA.

Addition to Notice of Intent

RE: ML48768-MP

**John Blake
SITLA**

Dear John,

Hopefully we can give you the information you need to clarify the situation.

1. a) The maximum unreclaimed surface disturbance should be less than 5 acres. We are planning only about 3 ac. but

5 ac gives a little leeway.

b) The soil does appear to be about 2 ft. That is also the depth to bedrock. No other overburden is anticipated.

c) Road improvements will be unmesasary as it is a county road.

d) The 8 ft. depth is approx. the depth to to the bottom of the sandstone layer minus whatever topsoil is there.

e)

f) Ruble and boulders may be removed if there proves to be a market for such. They would be paid for at the same rate the stone is paid for. It is after all the same rock.

2. OK.

3. See attachment.

4. Bond applied for.